

## **ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18 Stylesheet Version v18.0

> Title of Invention

**Urinary Flow Control Valve** 

Application Number:

10/000276

Confirmation Number:

8989

First Named Applicant:

Spencer Beaufore

Attorney Docket Number: OPMI-03-114

Art Unit:

3736

Search string:

( 3421509 or 4946449 or 5624395 ).pn.

TECHNOLOGY CENTER R3700

**US Patent Documents** 

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

| init | Cite.No. | Patent No. | Date       | Patentee      | Kind | Class | Subclass |
|------|----------|------------|------------|---------------|------|-------|----------|
| MB   | 1        | 3421509    | 1969-01-14 | Fiore         |      |       |          |
| MB   | 2        | 4946449    | 1990-08-07 | Davis, Jr.    |      |       |          |
| MB   | 3        | 5624395    | 1997-04-29 | Mikhail et al |      | •     |          |

### Signature

| Examiner Name | Date    |
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| NG. Bog       | 1/17/04 |

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#### U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

OPMI-03WO

APPLICANT

SUBSTITUTE FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary) FILING DATE November 2, 2001 **U.S. PATENT DOCUMENTS ISSUE EXAMINER** CLASS PATENTEE INITIAL PATENT NUMBER DATE Buuck et al 5 5 6 5 07/1998 M66 3 A.A A.B A.C A.D A.E A.F A.G A.H A.I A.J A.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLATION **PUBLICATION** COUNTRY OR DOCUMENT PATENT OFFICE CLASS **SUBCLASS** (YES/NO) NUMBER DATE A.L A.M A.N A.O

A.P A.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

International Search Report for PCT/US03/O0719, mailed May 7, 2003 (2 pages) M6B A.R A.S A.T

**EXAMINER** 

DATE CONSIDERED 11/17/2004

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| (37 CARACE AND )    |                                  |                                  |                             |     |           |        |    |       |                    |                      | November 2, 2001 3 |            |           | 3736   |                                  |
|---------------------|----------------------------------|----------------------------------|-----------------------------|-----|-----------|--------|----|-------|--------------------|----------------------|--------------------|------------|-----------|--------|----------------------------------|
|                     |                                  |                                  |                             |     |           |        |    |       | U.S. PA            | ATENT DOCUMENT       | -s                 |            |           | p      |                                  |
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| MGB                 | A.A                              | 1                                | 2                           | 8   | 1         | 9      | 7  | 4     | 10/1918            | Kaeding              |                    | 137        | 232       |        |                                  |
|                     | A.B                              | 2                                | 0                           | 6   | 4         | 6      | 9  | 5     | 12/1936            | Sipe                 | 137                | 847        |           |        |                                  |
| -                   | A.C                              | A.C 2 3 2 8 9 4 8 09/1943 Bourke |                             |     |           |        |    |       | 09/1943            | Bourke               |                    | 217        | 103       |        |                                  |
|                     | A.D 2 4 4 6 5 7 1 08/1948 Browne |                                  |                             |     |           | Browne |    | 137   | 847                |                      |                    |            |           |        |                                  |
|                     | A.E 2 7 1 0 6 2 3 06/1955 Kolos  |                                  |                             |     |           | Kolos  |    | 137   | 223                |                      |                    |            |           |        |                                  |
|                     | A.F 2 7 5 5 0 6 0                |                                  |                             |     |           | 0      | 6  | 0     | 07/1956            | Twyman               |                    | 251        | 342       | 16     | 777                              |
| Α                   | A.G                              | 2                                | 9                           | 5   | 9         | 3      | 5  | 9     | 11/1960            | Casaletto            |                    | 239        | 455       | 3[     |                                  |
|                     | А.Н                              | 3 0 6 6 7 6 7                    |                             |     |           |        |    | 7     | 12/1962            | Djordjevitch         |                    | 188        | 320       | 2      | 1 1 9                            |
| 1.                  | A.I                              | 3                                | 3 0 7 9 9 4 0 03/1963 Keefe |     |           |        |    | Keefe | 8                  | 137                  | 223                |            |           |        |                                  |
|                     | A.J                              | 3                                | 1                           | 4   | 8         | 6      | 9  | 6     | 09/1964            | Hoke                 |                    | 137        | 318       |        | ROP                              |
| V -                 | A.K                              | 3                                | 1                           | 6   | 7         | 0      | 8  | 9     | 01/1965            | Gordon               |                    | 137        | 517       |        | ROOM                             |
|                     |                                  |                                  | F                           | OF  | REIC      | SN     | PA | TEN   | TS OR PUB          | LISHED FOREIGN F     | ATEN               | T APPLICA  | TIONS     |        |                                  |
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|                     | A.L                              |                                  |                             |     |           |        |    |       |                    |                      |                    |            |           |        | -                                |
|                     | A.M                              |                                  |                             |     |           |        |    |       | •                  |                      |                    | 171        |           |        |                                  |
|                     | A.N                              |                                  | _                           | -   |           |        |    |       |                    |                      |                    |            |           |        |                                  |
|                     | A.O                              |                                  |                             |     |           |        |    |       |                    |                      |                    |            | -         |        |                                  |
|                     | A.P                              |                                  |                             |     |           |        |    |       |                    |                      |                    |            |           |        |                                  |
| \                   | A.Q                              |                                  |                             |     |           |        |    |       |                    |                      |                    |            |           |        |                                  |
|                     |                                  |                                  | Ο.                          | тні | ER        | DO     | CU | MEN   | NTS (Includ        | ing Author, Title, D | ate, Pl            | ace of Pub | lication) | )      |                                  |
| A.R                 |                                  |                                  |                             |     |           |        |    |       |                    |                      |                    |            |           |        |                                  |
|                     | A.S                              | _                                |                             |     |           |        |    |       |                    |                      |                    |            |           |        |                                  |
|                     | A.T                              |                                  |                             |     |           |        | ~  |       |                    |                      |                    |            |           | ۔۔ ہز۔ |                                  |
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SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE SERIAL NO. ATTY. DOCKET NO. 10/000,276 OPME/05 INFORMATION DISCLOSURE **APPLICANT** STATEMENT BY APPLICANT Spencer W. Beaufore et al. **GROUP** FILING DATE (Use several sheets if necessary) November 2, 2001 3736 U.S. PATENT DOCUMENTS FILING DATE ISSUE EXAMINER IF APPROPRIATE CLASS **SUBCLASS** PATENT NUMBER DATE **PATENTEE** INITIAL MGB 01/1967 604 350 8 Beatty B.A 05/1987 844 B.B 3 3 2 0 9 2 High et al. 137 06/1968 137 847 8 2 Soucy 3 B.C بی 137 846 04/1970 Grise B.D 137 68.23 5 7 06/1970 Smith B.E 3 8 02/1971 137 513.3 5 5 0 Baumbach B.F 03/1971 166 224 B.G 6 6 Livingston 490 3 11/1973 Souza 222 B.H 3 2 3 07/1974 137 525.1 8 2 2 2 Souza B.I 137 488 01/1975 Bender, Jr. et al. 3 8 5 8 0 B.J 137 525.3 01/1975 Wichterle 3 8 B.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLATION **PUBLICATION COUNTRY OR** DOCUMENT (YES/NO) **SUBCLASS** CLASS DATE PATENT OFFICE NUMBER B.L eria a Eustelli III. B.M B.N B.O B.P B.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) B.R B.S B.T DATE CONSIDERED **EXAMINER** 

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Substitute Disclosure Form (PTO-1449)

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| MGB                  | C.A        | 3 8 9 6 8 4 9                        |                              |      |      |            |                |           | 07/1975                    | Ervin et al.                            |  | 137                       | 525.1                |                          |                                  |
|                      | С.В        | 3                                    | 9                            | 6    | 7    | 6          | 4              | 5         | 07/1976                    | Gregory                                 |  | 137                       | 525.1                |                          |                                  |
|                      | C.C        | 4                                    | 0                            | 3    | 0    | 1          | 4              | 2         | 06/1977                    | Wolfe                                   |  | 3                         | 1.5                  |                          |                                  |
|                      | C.D        | 4                                    | 1                            | 4    | 3    | 8          | 5              | 3         | 03/1979                    | Abramson                                |  | 251                       | 149.1                | Ö                        | R                                |
|                      | C.E        | 4                                    | 1                            | 7    | 7    | 8          | 1              | 4         | 12/1979                    | Knepshield et al.                       |  | 128                       | 348                  | 01.                      | E8 C/                            |
|                      | C.F        | 4                                    | 2                            | 2    | 2    | 1          | 2              | 6         | 09/1980                    | Boretos et al.                          |  | 3                         | 1.5                  | 7                        | 1 2                              |
|                      | C.G        | 4 3 4 1 2 3 9                        |                              |      |      |            | 3              | 9         | 07/1982                    | Atkinson                                |  | 137                       | 493                  | <u> </u>                 | RECEIVED                         |
|                      | С.Н        |                                      |                              |      |      |            | Pierce et al.  | -         | 3                          | 1.5                                     |  | 2                         |                      |                          |                                  |
|                      | C.I        | 4                                    | 4 3 7 5 8 6 4 03/1983 Savage |      |      |            |                | Savage    |                            | 222                                     | 81                                       |                           | F                    |                          |                                  |
|                      | C.J        | 4 4 2 4 8 3 3 01/1984 Spector et al. |                              |      |      |            | Spector et al. |           | 137                        | 849                                     |  |                           |                      |                          |                                  |
| <b>V</b>             | с.к        | 4                                    | 4                            | 3    | 4    | 8          | 1              | 0         | 03/1984                    | Atkinson                                |  | 137                       | 493                  |                          |                                  |
|                      |            |                                      | F                            | OR   | EIC  | 3N         | PA             | TEN       | TS OR PUB                  | LISHED FOREIGN F                        | PATENT                                   | APPLICA                   | TIONS                |                          |                                  |
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|                      | C.P        |                                      |                              |      |      |            |                |           |                            |   |  |                           |                      |                          |                                  |
|                      | C.Q        |                                      |                              |      |      |            |                |           |                            |   |  |                           |                      |                          |                                  |
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|                      | C.R        |                                      |                              |      |      |            |                |           |                            |   |  |                           |                      |                          |                                  |
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| JAN 1               | 18  | 11                        | NFC  | DRI | ΛA.       | TIC | N   | DISC | CLOSURE<br>PLICANT | •                    |          | ICANT<br>cer W. Bea  | ufore    |                                  |                         |
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| MGB                 | D.A   | 4                         | 4    | 3   | 6         | 5_  | 1   | ۶    | 03/1984            | O'Neill              |          | 604                  | 175      |                                  |                         |
| 1                   | D.B   | D.B 4 4 6 5 1 0           |      |     |           |     | 0   | 2    | 08/1984            | Rupp                 |          | 137                  | 849      |                                  |                         |
|                     | D.C   | 2 4 4 7 5 5 4 8           |      |     |           |     | 4   | 8    | 10/1984            | Muto                 |          | 128                  | 207.1    | 4 6                              | RECEIVED                |
|                     | D.D   | 4                         | 5    | 2   | 4         | 8   | 0   | 5    | 06/1985            | Hoffman              |          | 137                  | 846      | 2                                | 8 C                     |
|                     | D.E   | 4                         | 5    | 3   | 5         | 8   | 1   | 8    | 08/1985            | Duncan et al.        |          | 137                  | 846      |                                  | 1 - H                   |
|                     | D.F   | 4                         | 5    | 3   | 5         | 8   | 1   | 9    | 08/1985            | Atkinson et al.      |          | 137                  | 846      |                                  | 2007<br>1007<br>11 R    |
|                     | D.G   | 4                         | 5    | 6   | 6         | 4   | 9   | 3    | 01/1986            | Edwards et al.       |          | 137                  | 846      |                                  | ROOM                    |
|                     | D.H   | 4 6 1 2 9 6 0             |      |     |           |     |     | 0    | 09/1986            | Edwards et al.       |          | 137                  | 846      |                                  | 25                      |
|                     | D.I   | 4 6 7 3 3 9 3             |      |     |           |     | 9   | 3    | 06/1987            | Suzuki et al.        | 604      | 167                  | š.       | ·                                |                         |
|                     | D.J   | 4 7 2 5 2 6 6 02/1988 Sig |      |     |           |     |     | 6    | 02/1988            | Siposs               | -        | 604                  | 119      | ,                                |                         |
| V                   | D.K   | 4                         | 7    | 5   | 8         | 2   | 2   | 4    | 07/1988            | Siposs               |          | 604                  | 119      |                                  |                         |
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| -                   | D.M   |                           |      |     |           | -   |     |      |                    |                      |          |                      |          |                                  |                         |
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|                     | D.R   |                           |      |     |           |     |     |      |                    |                      |          |                      |          |                                  |                         |
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Sheet \_\_5 (E) of - 9 ATTY. DOCKET NO. SERIAL NO. SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE 10/000,276 PATENT AND TRADEMARK OFFICE OPME/05 **APPLICANT** Spencer W. Beaufore

INFORMATION DISCLOSURE

STATEMENT BY APPLICANT et al. **FILING DATE GROUP** (Use several sheets if necessary) November 2, 2001 3736 U.S. PATENT DOCUMENTS FILING DATE ISSUE **EXAMINER** IF CLASS SUBCLASS **PATENTEE** PATENT NUMBER DATE INITIAL APPROPRIATE 149.1 251 08/1988 **Atkinson** 8 E.A 167 604 01/1989 Hillstead 9 8 5 9 E.B 4 03/1989 Shimonaka et al. 128 8 n E.C 623 11 07/1989 Reich 8 E.D 9 604 08/1989 East et al. 3 E.E 8 6 3 141 312 05/1990 Boehmer et al. 9 2 2 E.F 604 96 8 06/1990 Goldberg et al. 9 2 9 3 E.G 167 604 2 10/1990 Fink 9 6 0 4 E.H 600 30 9 11/1990 Salama 9 8 2 6 E.I 137 847 04/1991 Atkinson et al. 2 0 0 9 5 E.J 167 604 Newgard et al. 5 6 11/1991 0 E.K FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLATION **COUNTRY OR PUBLICATION** DOCUMENT CLASS SUBCLASS (YES/NO) PATENT OFFICE DATE NUMBER E.L E.M E.N E.O E.P E.Q OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) E.R E.S E.T DATE CONSIDERED **EXAMINER** 

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